

I am filing this comment to oppose any increases in the power levels allowed for BPL systems. Given the almost total gridding of urban areas by powerlines, BPL signals with increased power will cause substantial interference to a wide range of users. This will include licensed commercial systems, public safety, amateur radio and also to the entire unlicensed spectrum of Part 15 devices, including cordless phones, wireless networking and other consumer devices. In those cases, especially, extremely large numbers of users with little or no technical background will be faced with issues they cannot resolve and for which their equipment that has been in use for years will suddenly be unable to work as intended. Manufacturers will be forced to deal with support calls that they cannot resolve, leading to business losses and other economic damage from lost sales and costs incurred to change engineering to attempt to resolve the interference that will likely saturate a wide range of frequencies.

As a Federally Licensed Amateur Radio Operator, as well as professionally being involved in mobile public safety systems that would also be impacted, I cannot stress enough, during these times when critical public safety information travels over a multitude of frequencies, that no level of interference that diminishes or prevents these transmissions from getting through without delay or interference cannot be tolerated.

There are already provisions in the regulations that allow BPL functions at lower power levels. Increases will only make entire cities a crosshatch of radiating signals, possibly wiping out amateur and public safety communications where it is needed most.

I urge you to reject any power increases or changes to the current authorizations for BPL and protect the amateur frequencies that the FCC has pledged to do.

Thank you